

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071417\
 Data File : BF096798.D
 Acq On : 15 Jul 2017 3:38
 Operator : SJ/JU
 Sample : I4187-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CI-SB8-0-2

Manual Integrations
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Quant Time: Jul 15 04:24:33 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	103171	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	444828	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	147656	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	238975	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	202799	20.00	ng	-0.02
86) Perylene-d12	15.14	264	157441	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	679531	99.03	ng	0.00
7) Phenol-d6	6.28	99	726077	88.18	ng	0.00
23) Nitrobenzene-d5	7.19	82	425840	59.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.44	330	112321	89.12	ng	-0.02
44) 2-Fluorobiphenyl	8.99	172	698243	74.71	ng	-0.01
78) Terphenyl-d14	12.72	244	468317	40.05	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.38	163	172711	15.534	ng	99
74) Fluoranthene	12.34	202	58096	4.671	ng	95
77) Pyrene	12.56	202	48107	2.614	ng	98
79) Butylbenzylphthalate	13.19	149	12252	2.802	ng	# 82
82) Chrysene	13.79	228	28675	2.305	ng	98
83) Bis(2-ethylhexyl)phthalate	13.76	149	28439	2.670	ng	# 97
85) Indeno(1,2,3-cd)pyrene	16.44	276	13166	4.429	ng	# 88
87) Benzo(b)fluoranthene	14.76	252	35501m	3.739	ng	
89) Benzo(a)pyrene	15.08	252	22578	2.592	ng	# 90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

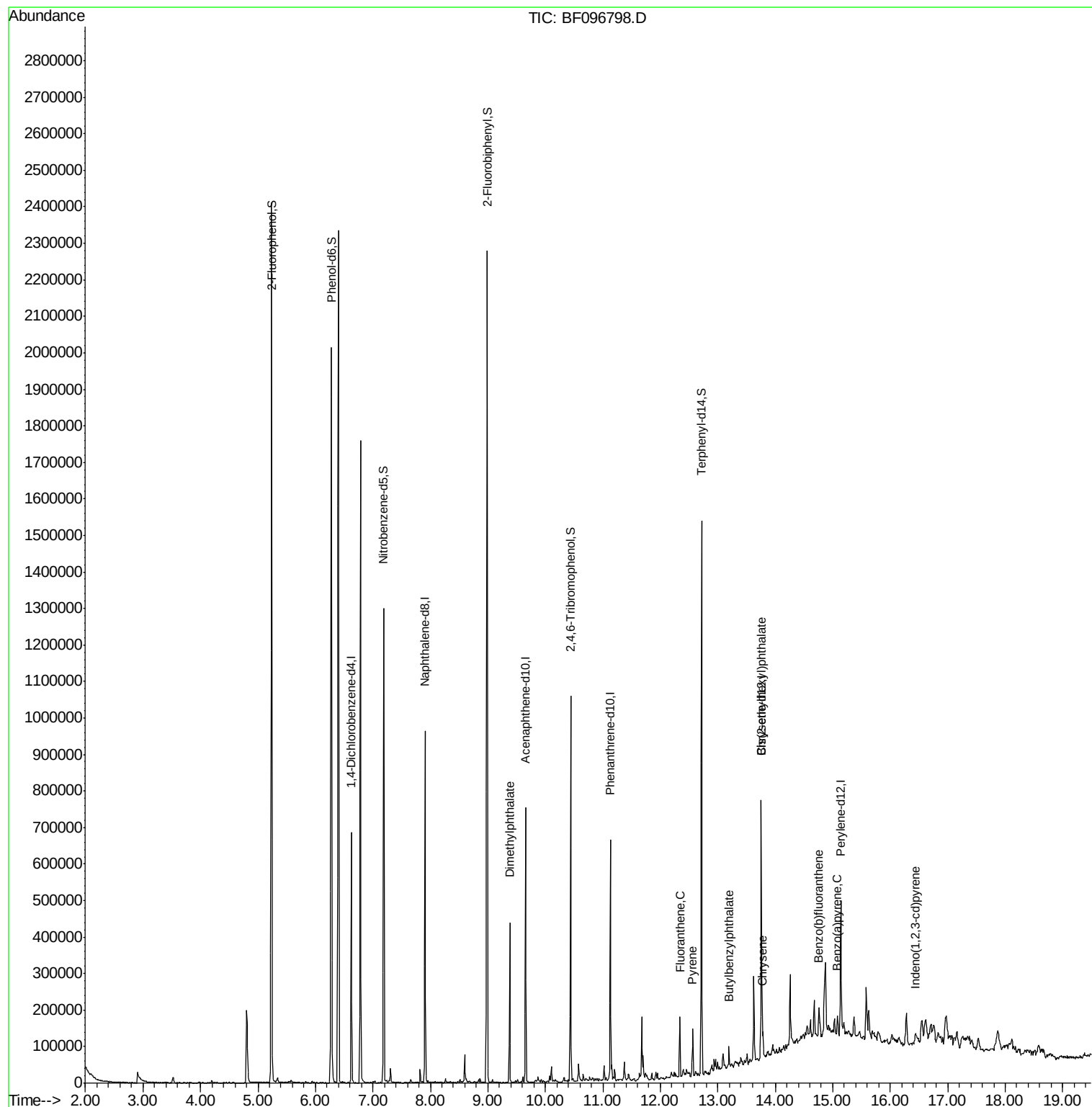
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071417\
Data File : BF096798.D
Acq On : 15 Jul 2017 3:38
Operator : SJ/JU
Sample : I4187-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

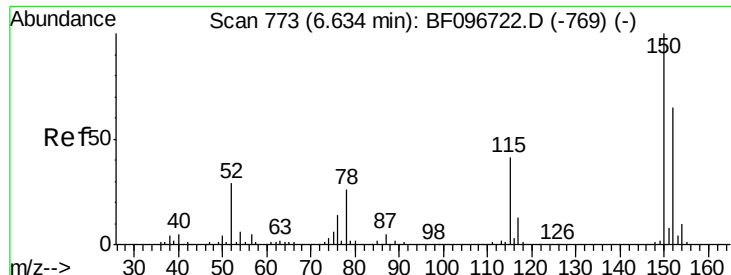
Instrument :
BNA_F
ClientSampleId :
CI-SB8-0-2

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Quant Time: Jul 15 04:24:33 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

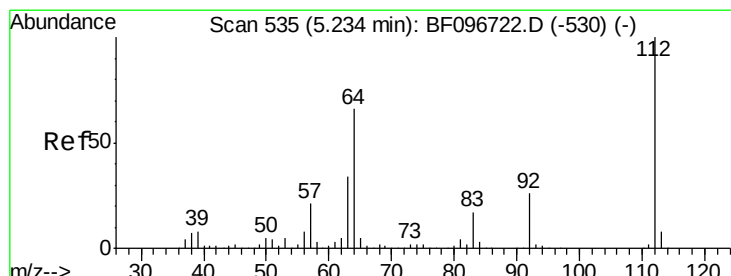
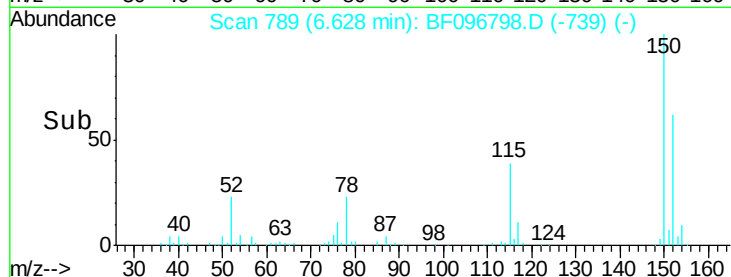
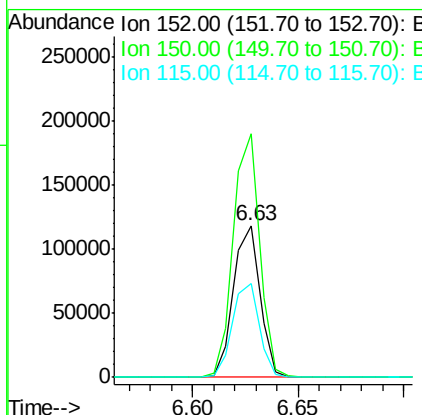
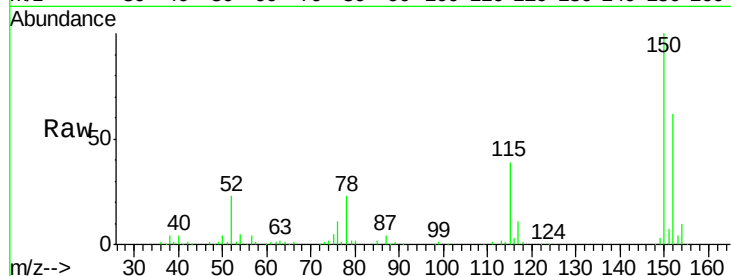
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF096798.D
Acq: 15 Jul 2017 3:38

Instrument :
BNA_F
ClientSampleId :
CI-SB8-0-2

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.3	126.2	189.2
115	61.8	52.2	78.2

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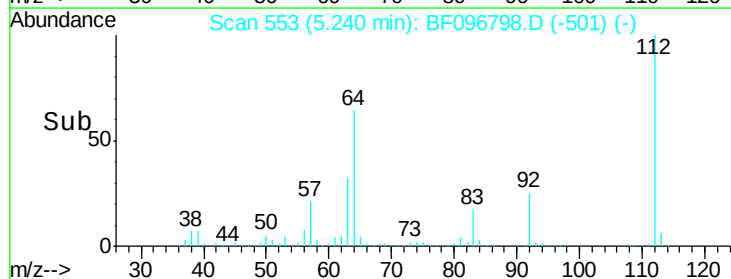
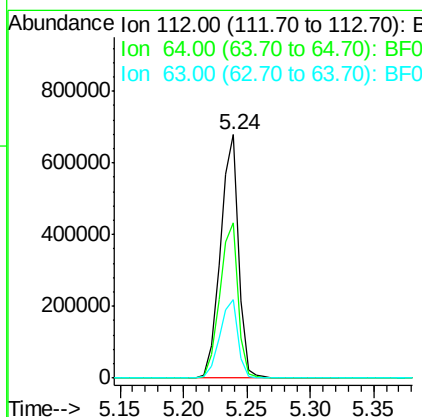
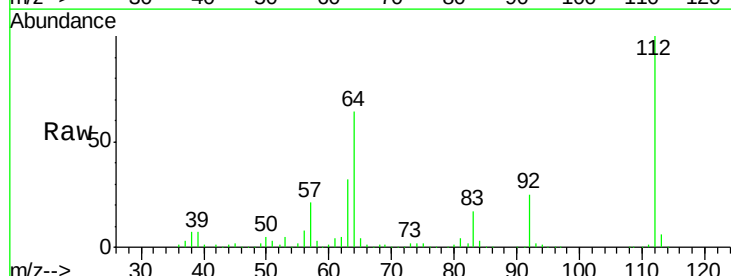
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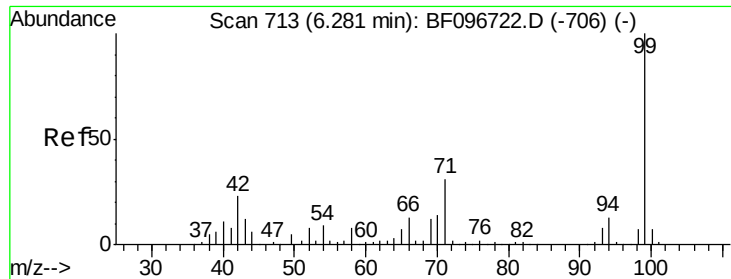


#5

2-Fluorophenol
Concen: 99.033 ng
RT: 5.24 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF096798.D
Acq: 15 Jul 2017 3:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	46.0	69.0
63	32.4	23.4	35.0





#7

Phenol-d6

Concen: 88.178 ng

RT: 6.28 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF096798.D

Acq: 15 Jul 2017 3:38

Instrument :

BNA_F

ClientSampleId :

CI-SB8-0-2

Tgt Ion: 99 Resp: 726077

Ion Ratio Lower Upper

99 100

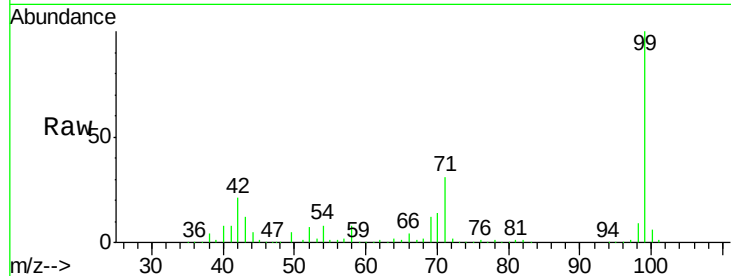
42 21.2 13.5 20.3#

71 30.6 24.5 36.7

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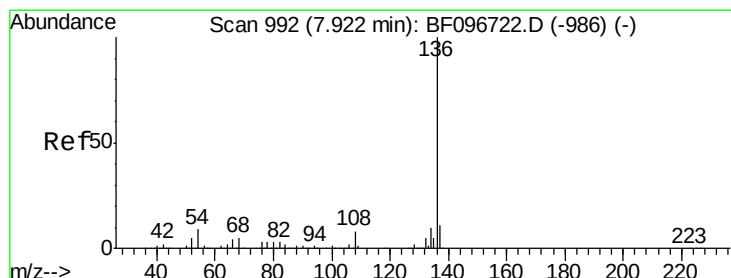
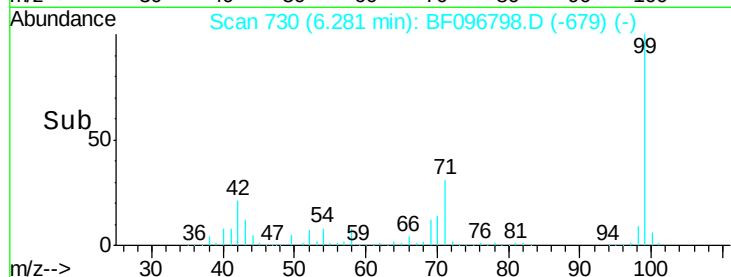
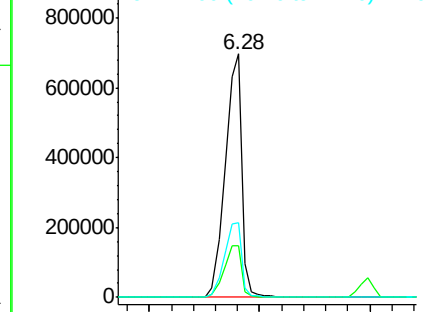
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.91 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF096798.D

Acq: 15 Jul 2017 3:38

Tgt Ion: 136 Resp: 444828

Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 9.4 4.9 7.3#

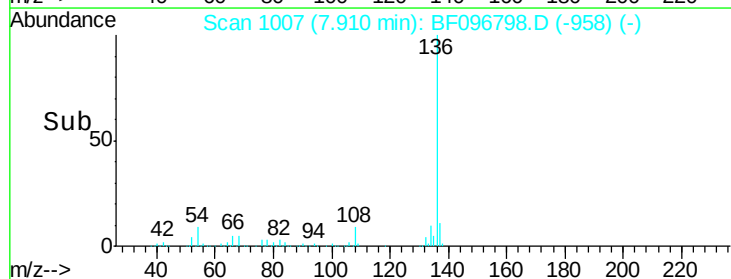
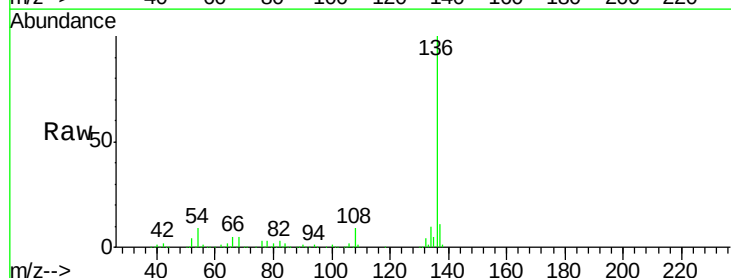
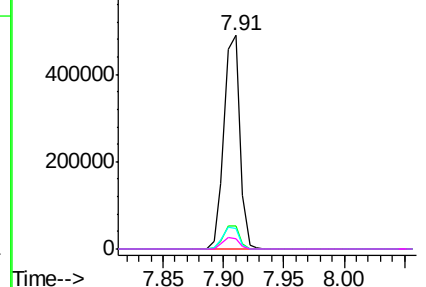
68 5.1 4.1 6.1

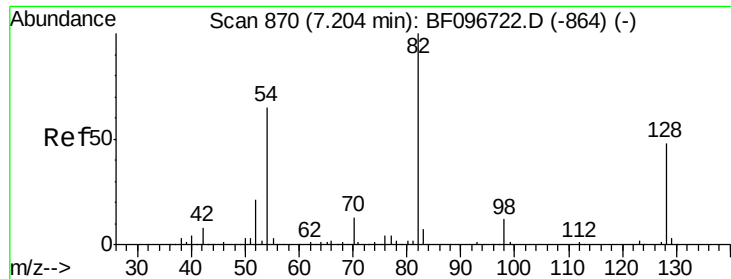
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





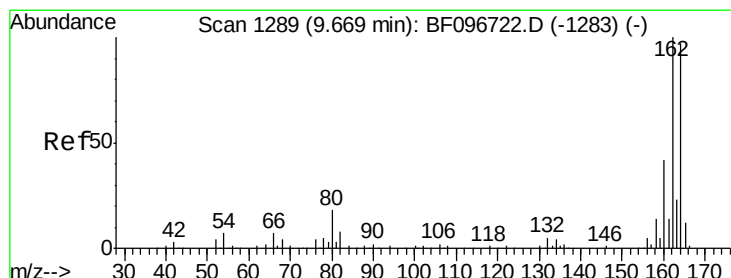
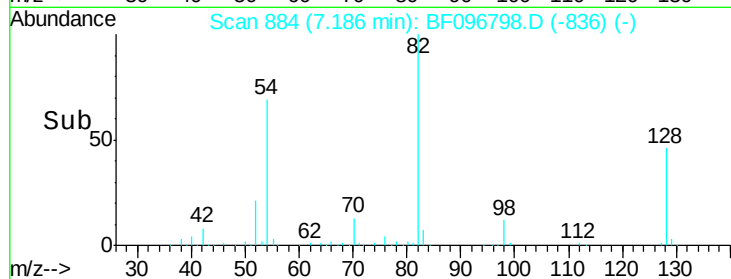
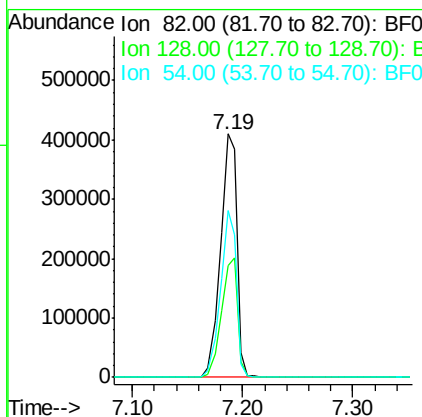
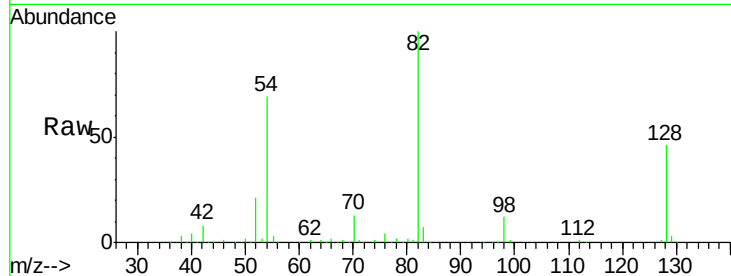
#23
 Nitrobenzene-d5
 Concen: 59.297 ng
 RT: 7.19 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF096798.D
 Acq: 15 Jul 2017 3:38

Instrument :
 BNA_F
 ClientSampled :
 CI-SB8-0-2

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.0	51.0
54	68.6	42.2	63.2

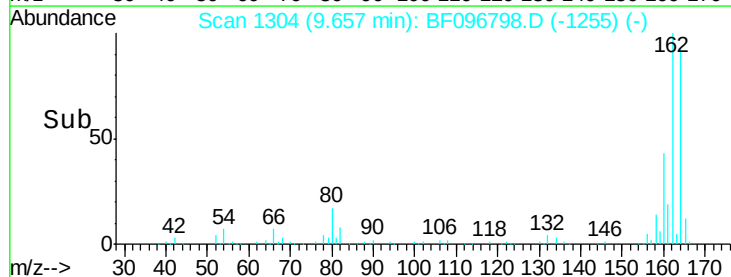
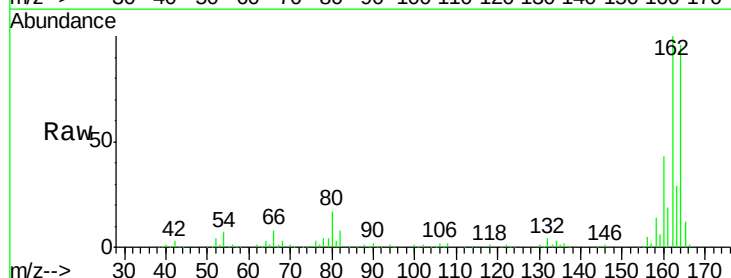
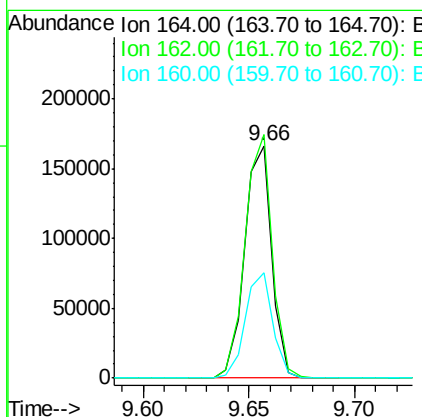
Manual Integrations
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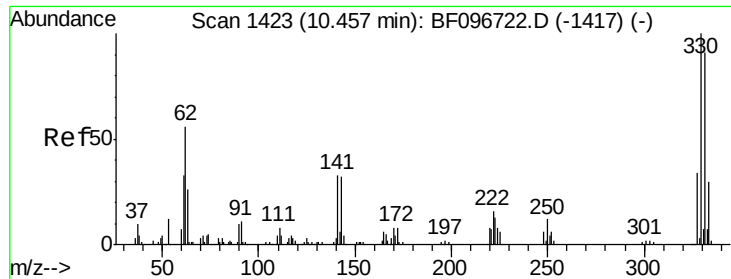
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.66 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF096798.D
 Acq: 15 Jul 2017 3:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.6	123.8
160	45.3	36.2	54.2





#41

2,4,6-Tribromophenol

Concen: 89.117 ng

RT: 10.44 min Scan# 1437

Delta R.T. -0.02 min

Lab File: BF096798.D

Acq: 15 Jul 2017 3:38

Instrument :

BNA_F

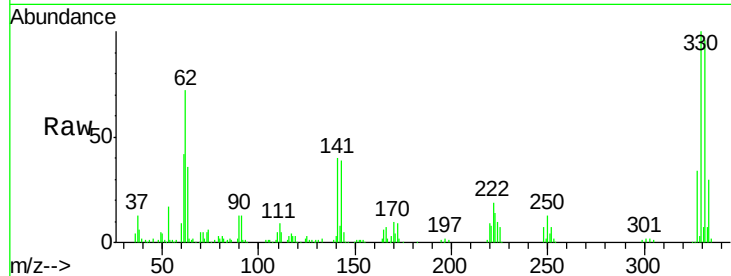
ClientSampleId :

CI-SB8-0-2

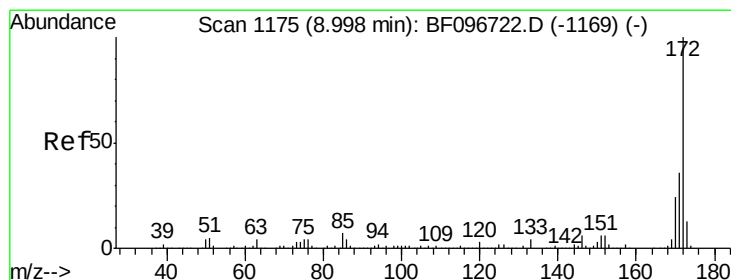
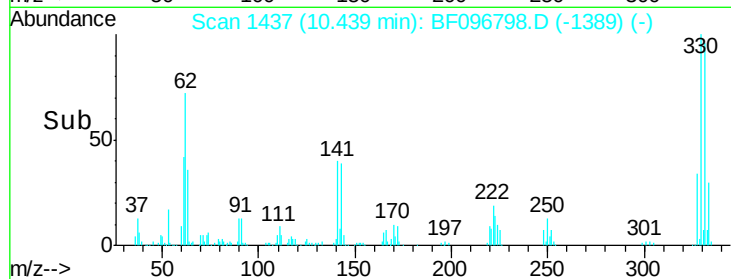
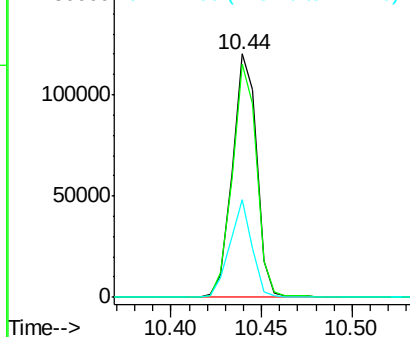
Tgt Ion:	330	Resp:	112321
Ion Ratio	Lower	Upper	
330	100		
332	95.7	76.6	115.0
141	36.7	31.4	47.2

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 74.712 ng

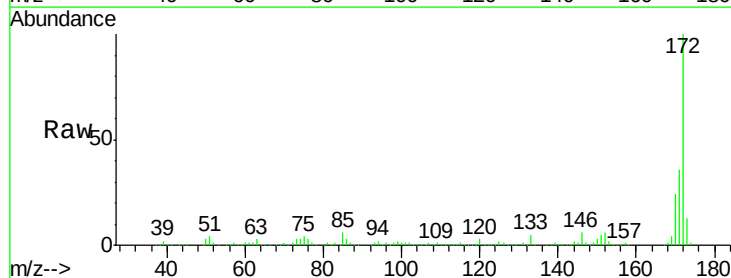
RT: 8.99 min Scan# 1190

Delta R.T. -0.01 min

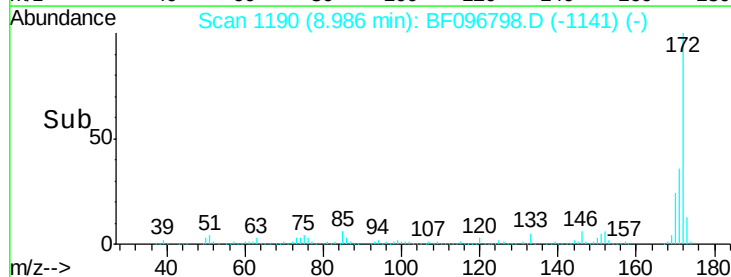
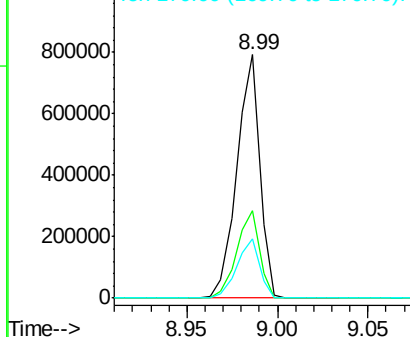
Lab File: BF096798.D

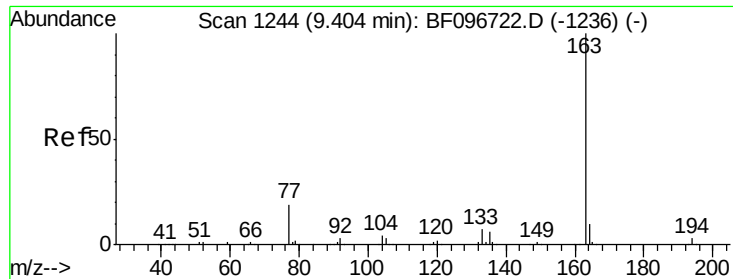
Acq: 15 Jul 2017 3:38

Tgt Ion:	172	Resp:	698243
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.6	44.4
170	24.2	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





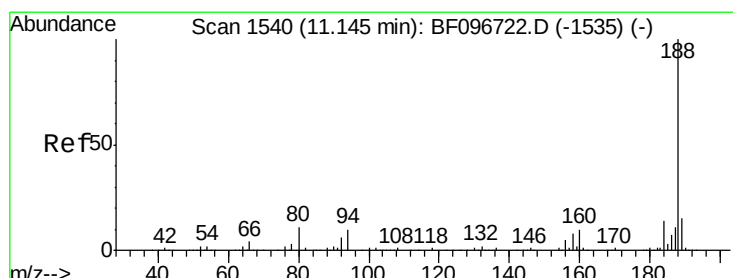
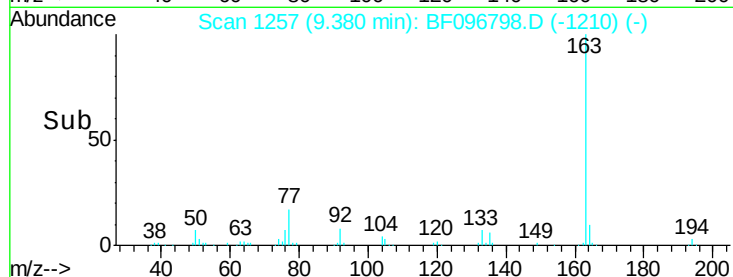
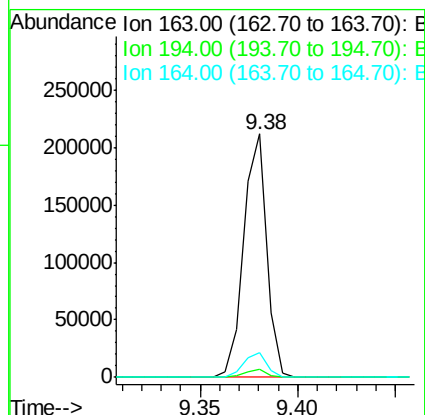
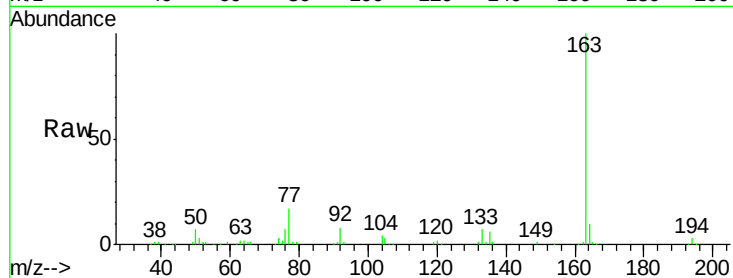
#49
Dimethylphthalate
Concen: 15.534 ng
RT: 9.38 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF096798.D
Acq: 15 Jul 2017 3:38

Instrument :
BNA_F
ClientSampleId :
CI-SB8-0-2

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.2	2.6	4.0
164	9.9	8.4	12.6

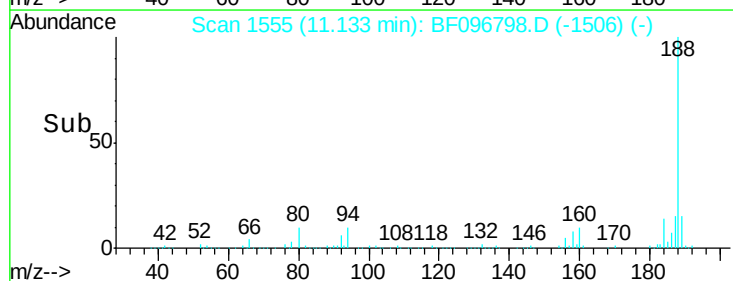
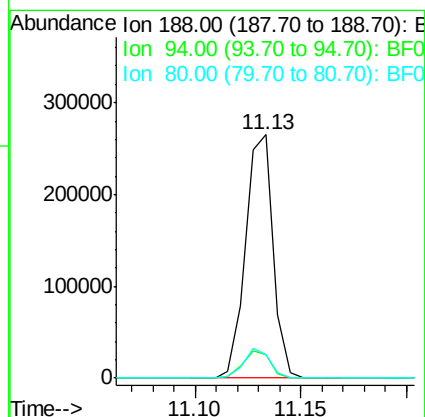
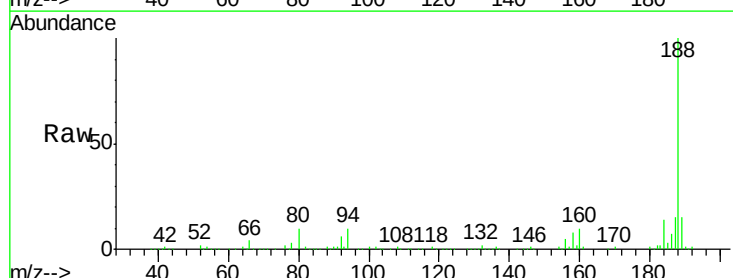
Manual Integrations
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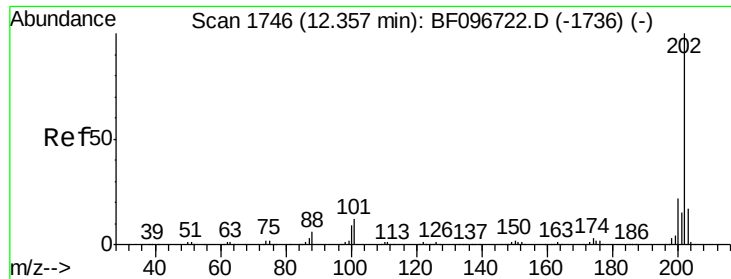
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.13 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF096798.D
Acq: 15 Jul 2017 3:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.6	9.4	14.2
80	9.9	10.2	15.2#





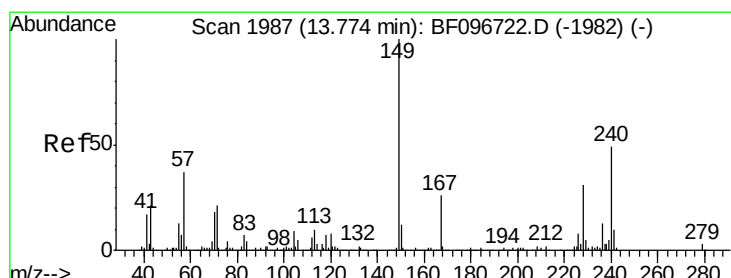
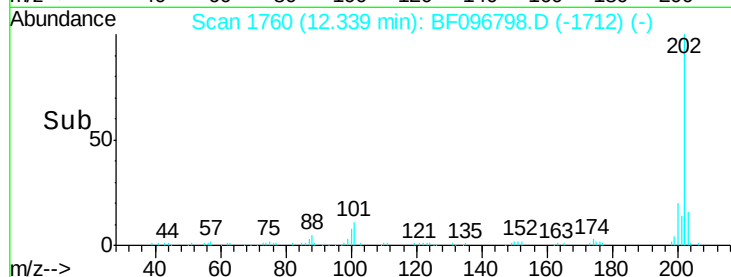
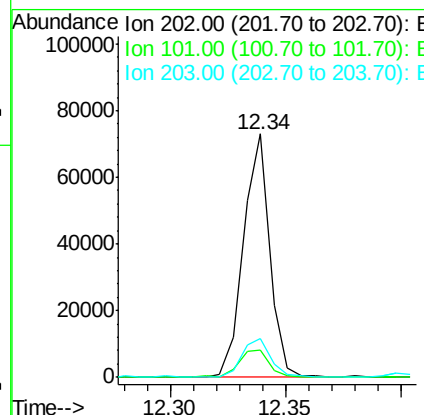
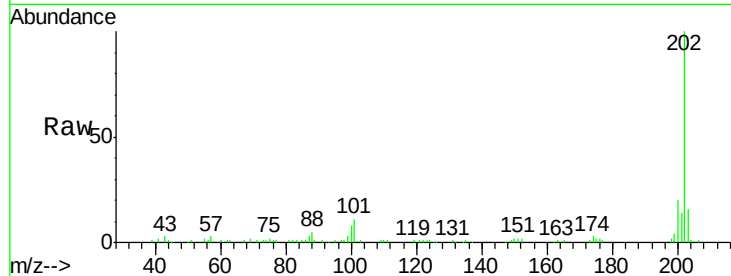
#74
Fluoranthene
Concen: 4.671 ng
RT: 12.34 min Scan# 1760
Delta R.T. -0.02 min
Lab File: BF096798.D
Acq: 15 Jul 2017 3:38

Instrument :
BNA_F
ClientSampleId :
CI-SB8-0-2

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.2	0.0	33.2
203	16.0	0.0	38.1

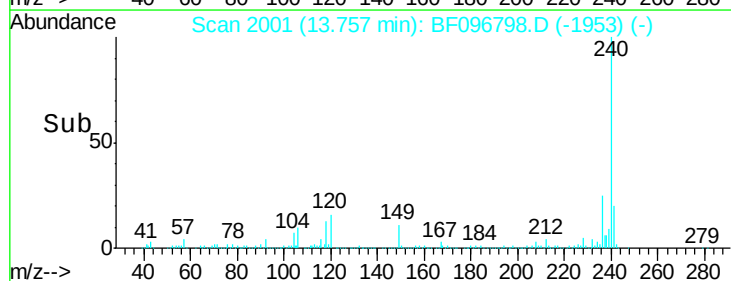
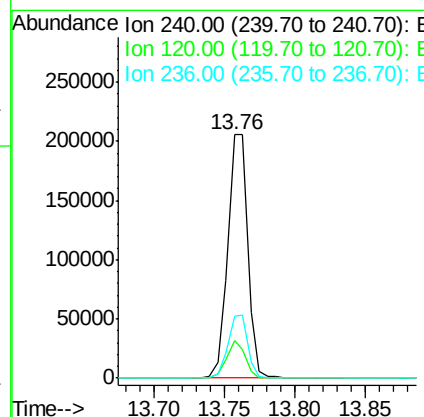
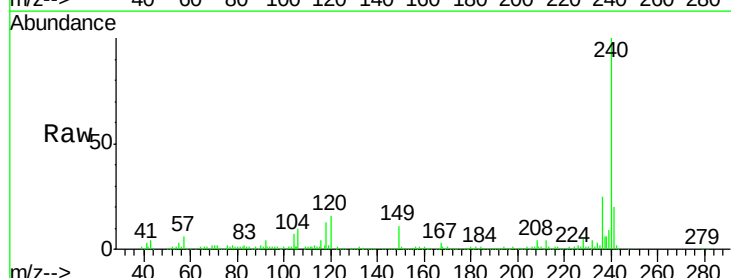
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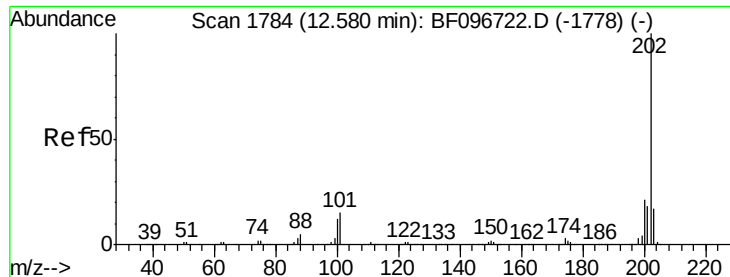
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.76 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BF096798.D
Acq: 15 Jul 2017 3:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	15.6	5.8	8.8#
236	25.3	20.5	30.7





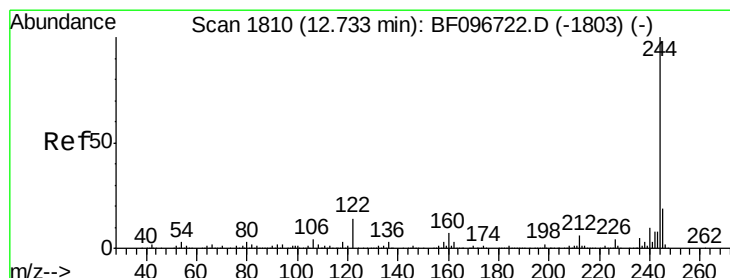
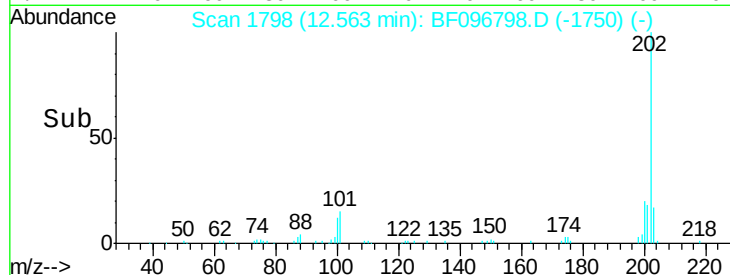
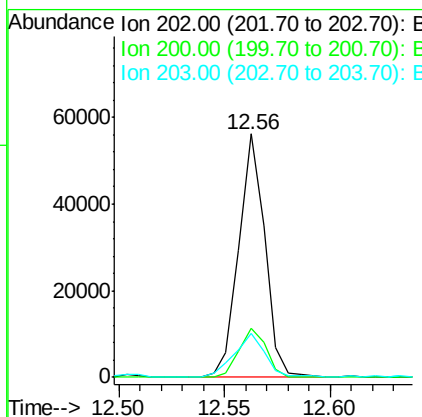
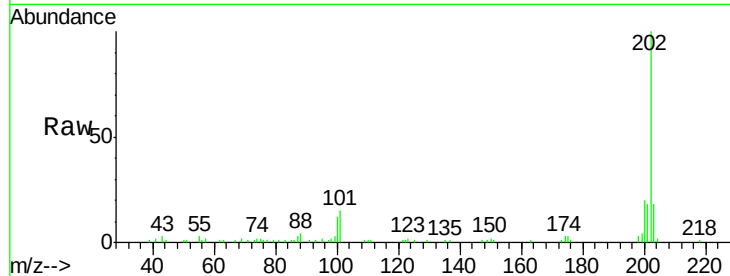
#77
 Pyrene
 Concen: 2.614 ng
 RT: 12.56 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: BF096798.D
 Acq: 15 Jul 2017 3:38

Instrument :
 BNA_F
 ClientSampleId :
 CI-SB8-0-2

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.6	26.4
203	17.9	14.4	21.6

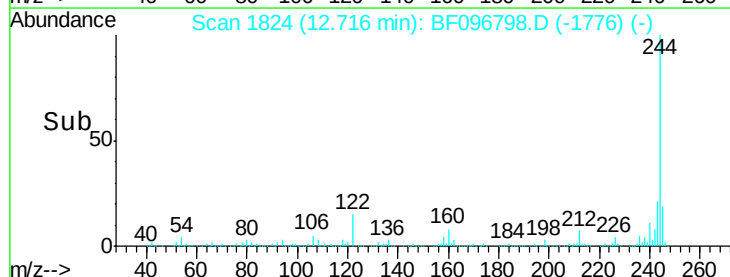
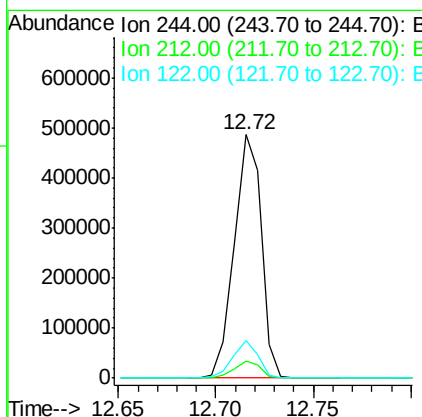
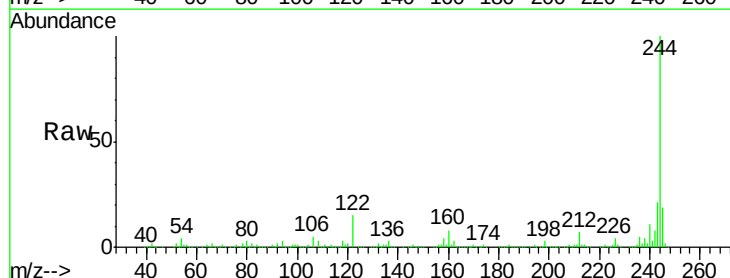
Manual Integrations
 APPROVED

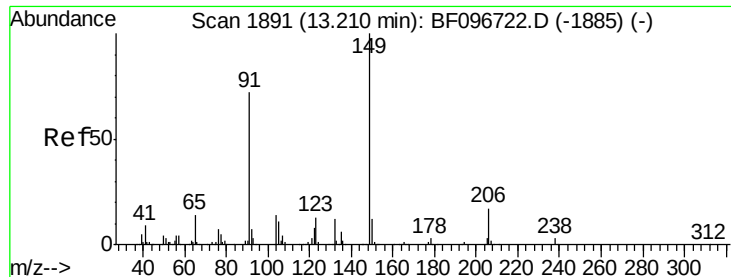
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#78
 Terphenyl-d14
 Concen: 40.049 ng
 RT: 12.72 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF096798.D
 Acq: 15 Jul 2017 3:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	15.4	10.3	15.5





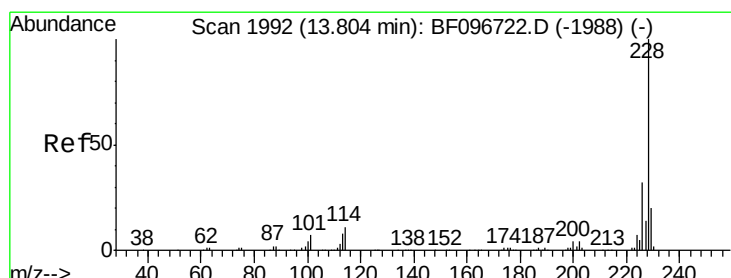
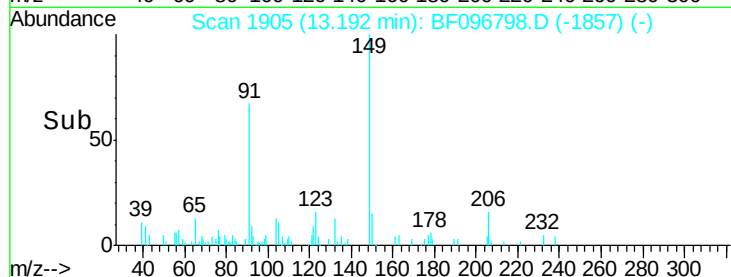
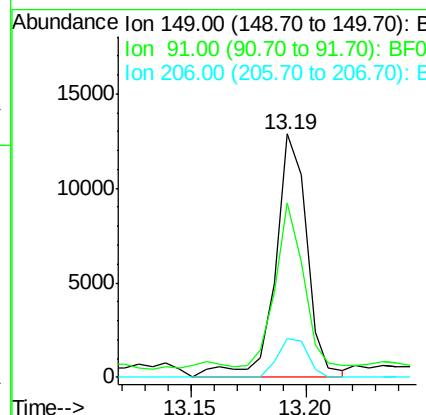
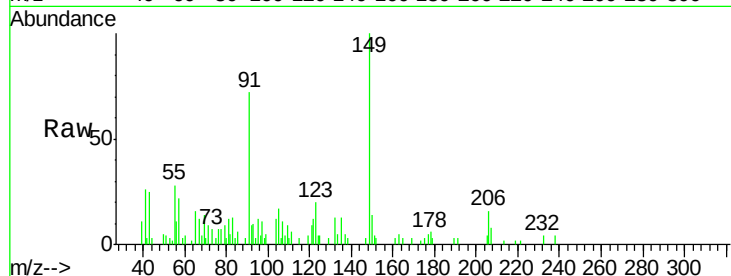
#79
Butylbenzylphthalate
Concen: 2.802 ng
RT: 13.19 min Scan# 1905
Delta R.T. -0.02 min
Lab File: BF096798.D
Acq: 15 Jul 2017 3:38

Instrument :
BNA_F
ClientSampleId :
CI-SB8-0-2

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	71.7	45.0	67.4#
206	15.9	17.0	25.6#

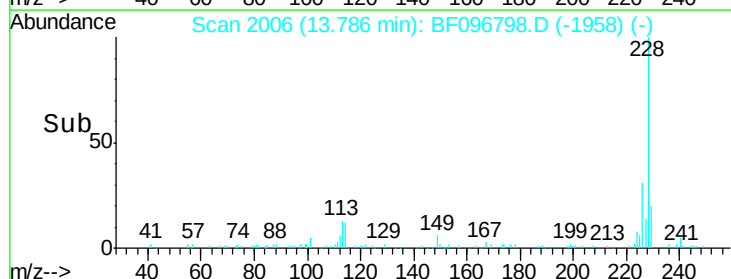
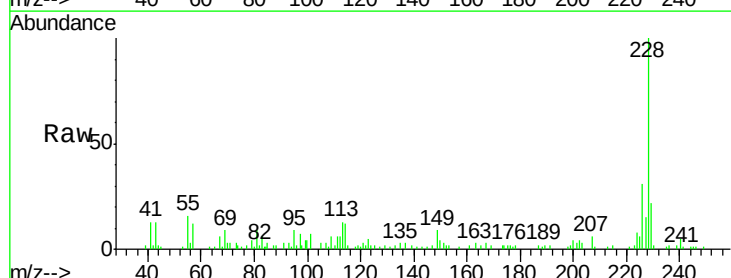
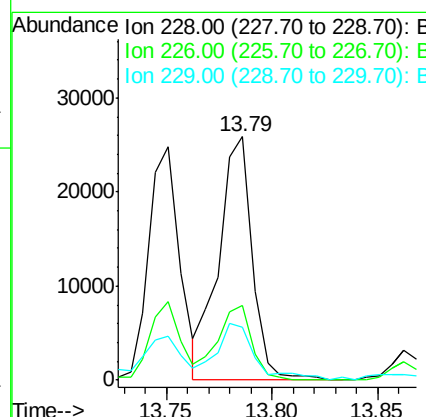
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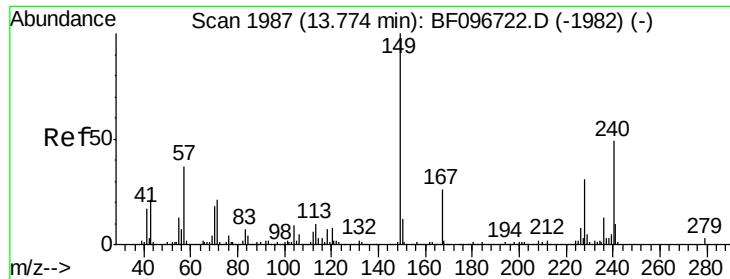
mohammad
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#82
Chrysene
Concen: 2.305 ng
RT: 13.79 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF096798.D
Acq: 15 Jul 2017 3:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.8	24.9	37.3
229	21.8	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.670 ng

RT: 13.76 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF096798.D

Acq: 15 Jul 2017 3:38

Instrument :

BNA_F

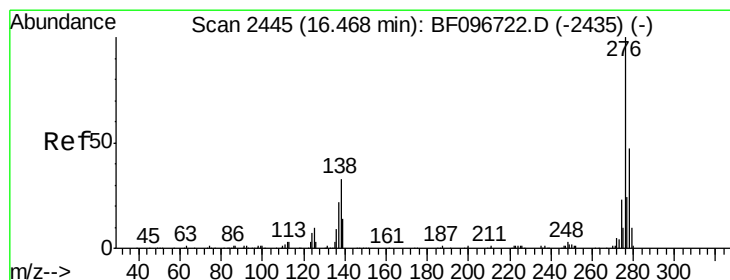
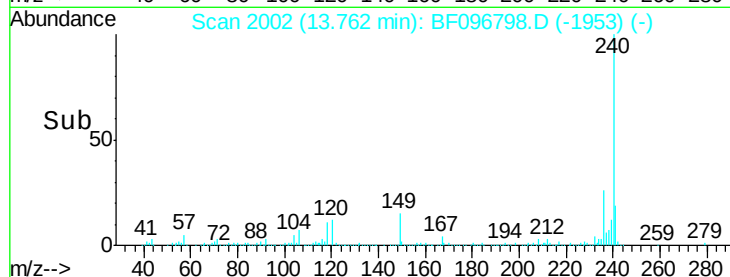
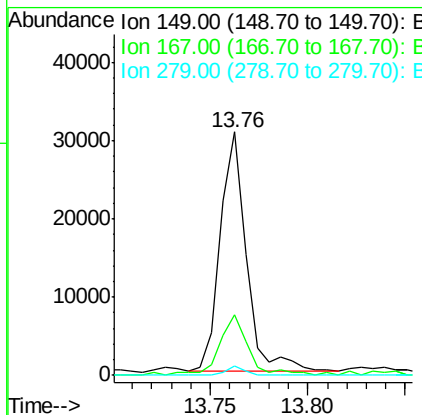
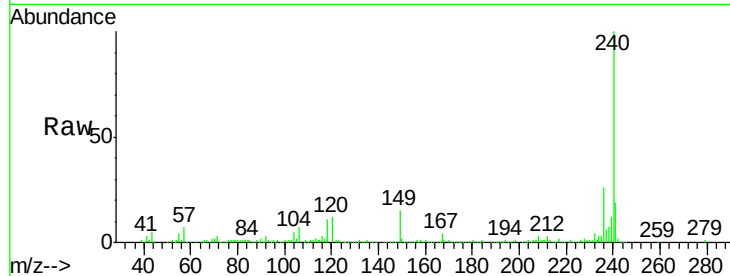
ClientSampleId :

CI-SB8-0-2

Tgt Ion:	149	Resp:	28439
Ion Ratio	Lower	Upper	
149	100		
167	24.8	21.0	31.4
279	3.7	1.9	2.9#

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#85

Indeno(1,2,3-cd)pyrene

Concen: 4.429 ng

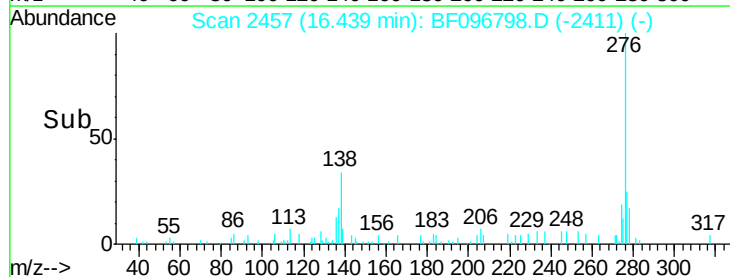
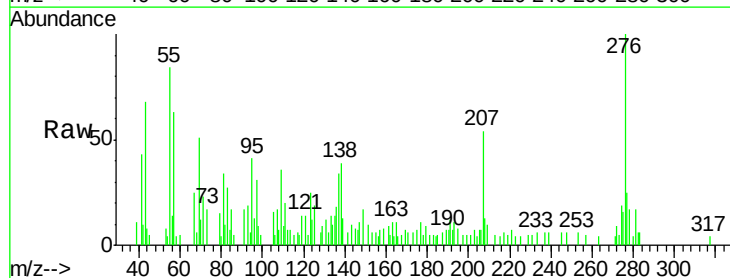
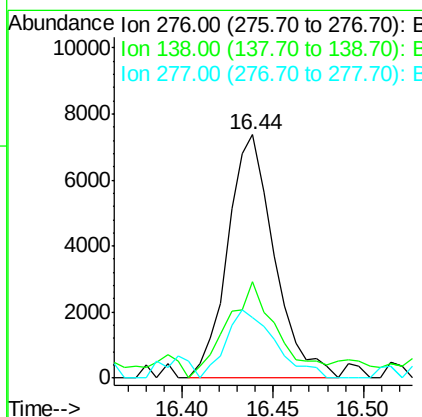
RT: 16.44 min Scan# 2457

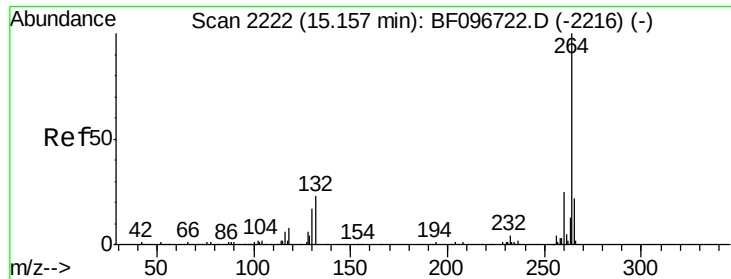
Delta R.T. -0.03 min

Lab File: BF096798.D

Acq: 15 Jul 2017 3:38

Tgt Ion:	276	Resp:	13166
Ion Ratio	Lower	Upper	
276	100		
138	43.1	27.8	41.6#
277	29.6	20.2	30.4





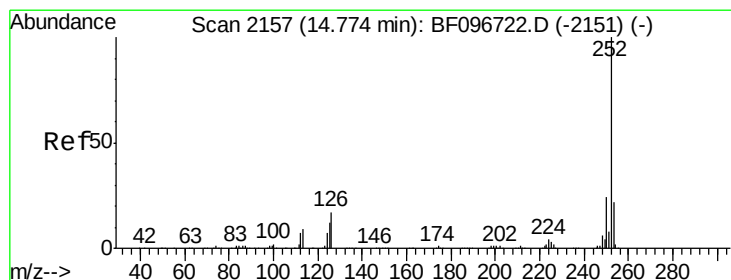
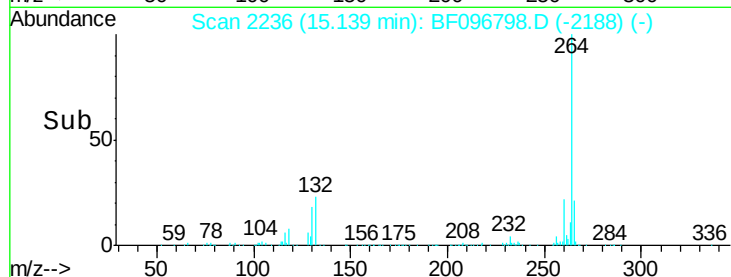
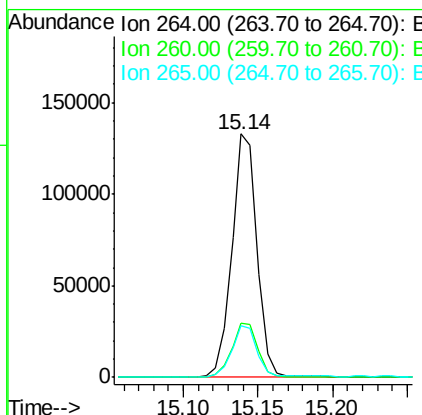
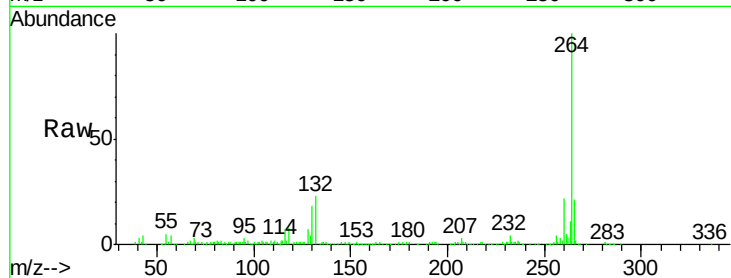
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF096798.D
Acq: 15 Jul 2017 3:38

Instrument :
BNA_F
ClientSampleId :
CI-SB8-0-2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.5	29.3
265	21.0	17.2	25.8

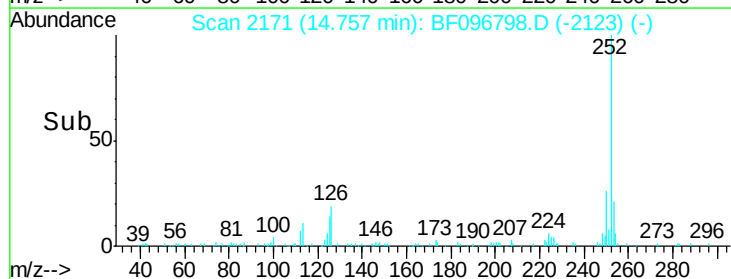
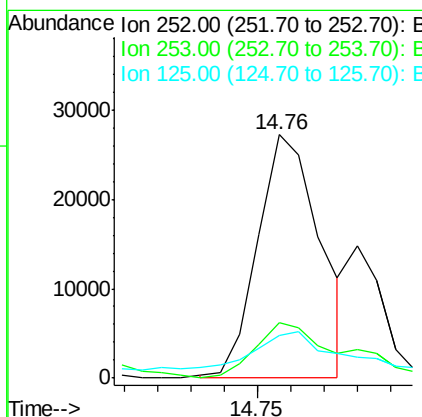
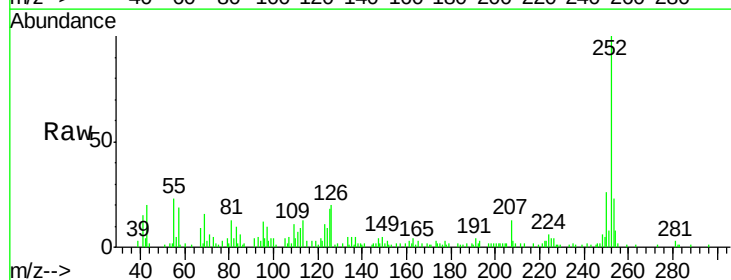
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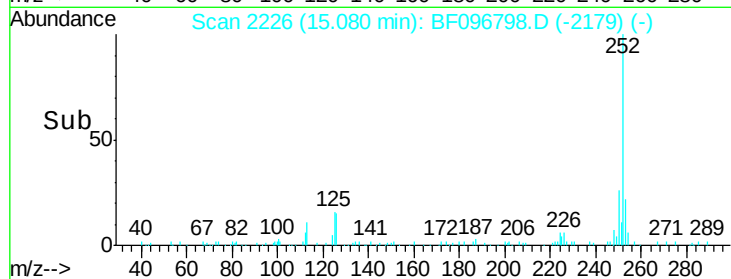
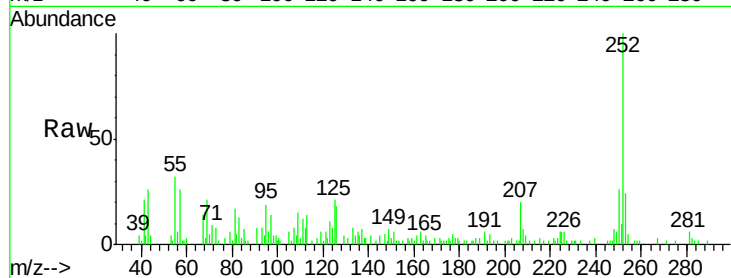
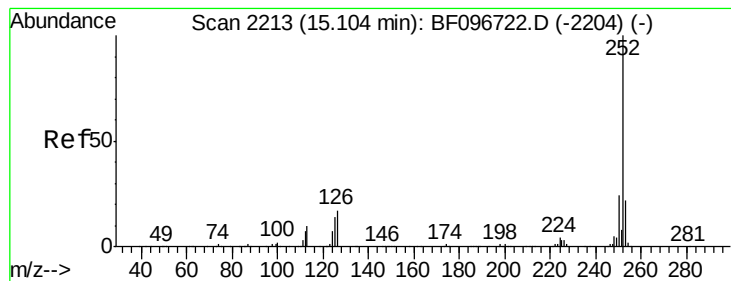
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#87
Benzo(b)fluoranthene
Concen: 3.739 ng m
RT: 14.76 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BF096798.D
Acq: 15 Jul 2017 3:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	17.8	9.8	14.8#





#89
 Benzo(a)pyrene
 Concen: 2.592 ng
 RT: 15.08 min Scan# 2226
 Delta R.T. -0.02 min
 Lab File: BF096798.D
 Acq: 15 Jul 2017 3:38

Instrument :
 BNA_F
 ClientSampleId :
 CI-SB8-0-2

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.4	17.5	26.3
125	21.2	11.0	16.4

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